

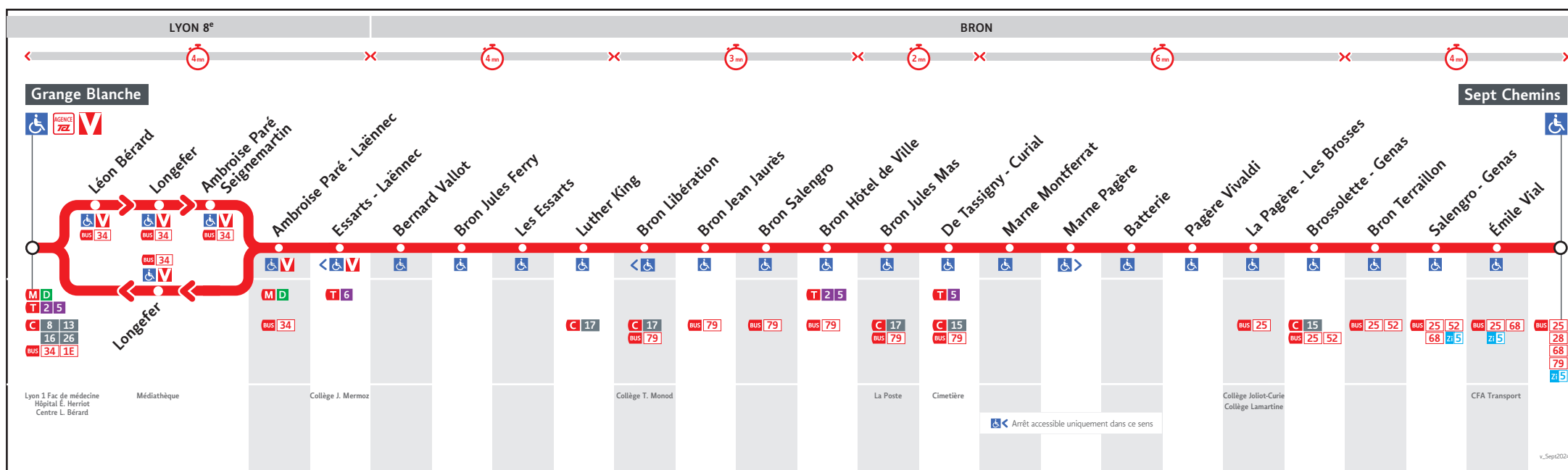


● GRANGE BLANCHE ↔ BRON SEPT CHEMINS

HORAIRES

Valables du 15 juil. au 31 août 2025

Pour connaître les horaires de passage de vos lignes à un point d'arrêt précis, sur www.tcl.fr, cliquer sur et sélectionner votre ligne ou votre arrêt.



Horaires travaux

Pour plus d'infos, tcl.fr

HORAIRES VACANCES SCOLAIRES 2025/2026

- du samedi 5 juillet au dimanche 31 août 2025
- du samedi 18 octobre au dimanche 2 novembre 2025
- du samedi 20 décembre 2025 au dimanche 4 janvier 2026
- du samedi 7 février 2026 au lundi 23 février 2026

Le réseau TCL ne fonctionne pas le 1^{er} mai

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 Allô TCL : 04 26 10 12 12
(prix d'un appel local)

TCL

Lundi au vendredi - du 15/07 au 22/08

24A-032AI

GRANGE BLANCHE	5.30	6.00	6.30	7.00	7.30	7.55	8.20	8.45	9.10	9.35	10.00	10.25	10.50	11.15	11.40	12.05	12.30	12.55	13.20	13.45	14.10	14.35	15.00	15.25	15.50	16.15	16.40	17.05	17.30	17.55	18.20	18.45	19.10	19.35	20.00	20.30	21.00
ESSARTS - LAENNEC	5.37	6.07	6.37	7.08	7.38	8.03	8.28	8.53	9.18	9.43	10.08	10.33	10.58	11.23	11.48	12.13	12.38	13.03	13.28	13.53	14.18	14.43	15.08	15.33	15.58	16.23	16.48	17.13	17.38	18.03	18.28	18.53	19.17	19.42	20.07	20.37	21.07
BRON - HOTEL DE VILLE	5.45	6.15	6.45	7.16	7.47	8.12	8.37	9.03	9.28	9.53	10.18	10.43	11.08	11.33	11.58	12.23	12.48	13.13	13.38	14.03	14.28	14.53	15.18	15.43	16.08	16.33	16.58	17.23	17.48	18.13	18.38	19.02	19.25	19.50	20.15	20.45	21.15
MARNE PAGERE	5.50	6.20	6.50	7.21	7.52	8.17	8.43	9.09	9.34	9.59	10.24	10.49	11.14	11.39	12.04	12.29	12.54	13.19	13.44	14.09	14.34	14.59	15.24	15.49	16.14	16.39	17.04	17.29	17.54	18.19	18.43	19.07	19.30	19.55	20.20	20.50	21.20
BROSSOLETTE GENAS	5.53	6.23	6.53	7.24	7.56	8.21	8.47	9.13	9.38	10.03	10.28	10.53	11.18	11.43	12.08	12.33	12.58	13.23	13.48	14.13	14.38	15.03	15.28	15.53	16.18	16.43	17.08	17.33	17.58	18.23	18.47	19.11	19.34	19.59	20.23	20.53	21.23
C. CIAL SEPT CHEMINS	5.57	6.27	6.57	7.28	8.01	8.26	8.51	9.17	9.42	10.07	10.32	10.57	11.22	11.47	12.12	12.37	13.02	13.27	13.52	14.17	14.42	15.07	15.32	15.57	16.23	16.48	17.13	17.38	18.03	18.28	18.51	19.15	19.38	20.03	20.27	20.57	21.27
SEPT CHEMINS																																					

Samedi - du 19/07 au 23/08

24A-031BI

GRANGE BLANCHE	5.30	6.00	6.30	7.00	7.30	8.00	8.30	9.00	9.30	9.50	10.12	10.34	10.56	11.18	11.40	12.02	12.24	12.46	13.08	13.30	13.52	14.14	14.36	14.58	15.20	15.42	16.04	16.26	16.48	17.10	17.32	17.54	18.16	18.38	19.00	19.30	20.00	20.30	21.00
ESSARTS - LAENNEC	5.36	6.06	6.36	7.06	7.36	8.06	8.36	9.06	9.36	9.56	10.18	10.40	11.02	11.24	11.46	12.08	12.30	12.52	13.14	13.36	13.58	14.20	14.42	15.04	15.26	15.48	16.10	16.32	16.54	17.16	17.38	18.00	18.22	18.45	19.07	19.36	20.06	20.36	21.06
BRON - HOTEL DE VILLE	5.42	6.12	6.42	7.12	7.43	8.13	8.43	9.14	9.44	10.04	10.26	10.48	11.10	11.32	11.53	12.15	12.37	12.59	13.21	13.43	14.05	14.27	14.50	15.12	15.34	15.55	16.17	16.39	17.01	17.23	17.46	18.08	18.30	18.52	19.14	19.43	20.13	20.43	21.13
MARNE PAGERE	5.47	6.17	6.47	7.17	7.48	8.18	8.48	9.19	9.49	10.09	10.31	10.54	11.16	11.37	11.58	12.20	12.42	13.04	13.26	13.48	14.10	14.32	14.55	15.17	15.39	16.00	16.22	16.44	17.06	17.28	17.51	18.13	18.35	18.57	19.19	19.48	20.18	20.48	21.18
BROSSOLETTE GENAS	5.50	6.20	6.50	7.20	7.51	8.22	8.52	9.23	9.53	10.13	10.35	10.58	11.20	11.41	12.02	12.24	12.46	13.08	13.30	13.52	14.14	14.36	14.59	15.21	15.43	16.04	16.26	16.48	17.10	17.32	17.55	18.17	18.39	19.01	19.23	19.51	20.21	20.51	21.21
C. CIAL SEPT CHEMINS	5.54	6.24	6.54	7.24	7.55	8.26	8.56	9.27	9.57	10.17	10.39	11.02	11.24	11.45	12.06	12.28	12.50	13.12	13.34	13.56	14.18	14.40	15.03	15.25	15.48	16.09	16.31	16.53	17.15	17.37	18.00	18.22	18.43	19.05	19.27	19.55	20.25	20.55	21.25
SEPT CHEMINS																																							

Dimanches et jours fériés - du 13/07 au 24/08

24A-0327B

GRANGE BLANCHE	7.05	7.40	8.15	8.50	9.25	10.00	10.35	11.10	11.45	12.20	12.55	13.30	14.05	14.40	15.15	15.50	16.25	17.00	17.35	18.10	18.45	19.20	19.55	20.35	21.00
ESSARTS - LAENNEC	7.11	7.46	8.21	8.56	9.31	10.06	10.41	11.16	11.51	12.26	13.01	13.37	14.12	14.47	15.22	15.57	16.32	17.07	17.42	18.17	18.52	19.27	20.02	20.41	21.06
BRON - HOTEL DE VILLE	7.17	7.53	8.28	9.04	9.39	10.14	10.49	11.24	11.58	12.33	13.08	13.44	14.19	14.54	15.29	16.04	16.39	17.14	17.49	18.24	18.59	19.34	20.09	20.48	21.13
MARNE PAGERE	7.21	7.57	8.32	9.08	9.43	10.19	10.54	11.29	12.03	12.38	13.13	13.49	14.24	14.59	15.34	16.09	16.44	17.19	17.54	18.29	19.04	19.39	20.14	20.52	21.17
BROSSOLETTE GENAS	7.24	8.00	8.35	9.12	9.47	10.23	10.58	11.33	12.07	12.42	13.17	13.53	14.28	15.03	15.38	16.13	16.48	17.23	17.58	18.33	19.08	19.42	20.17	20.55	21.20
C. CIAL SEPT CHEMINS	7.29	8.05	8.40	9.17	9.52	10.28	11.03	11.38	12.12	12.47	13.22	13.58	14.33	15.08	15.43	16.18	16.53	17.28	18.03	18.38	19.13	19.47	20.22	21.00	21.25
SEPT CHEMINS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Samedi - le 30/08 uniquement

24A-0346M

GRANGE BLANCHE	5.30	6.05	6.40	7.10	7.40	8.10	8.40	9.10	9.40	10.10	10.40	11.10	11.40	12.10	12.40	13.10	13.40	14.10	14.40	15.10	15.35	16.00	16.20	16.40	17.00	17.20	17.40	18.00	18.20	18.40	19.10	19.40	20.00	20.30	21.00
ESSARTS - LAENNEC	5.37	6.12	6.47	7.17	7.47	8.17	8.47	9.18	9.48	10.18	10.48	11.18	11.48	12.18	12.48	13.18	13.48	14.18	14.48	15.18	15.43	16.08	16.28	16.48	17.08	17.28	17.48	18.08	18.28	18.48	19.18	19.48	20.08	20.37	21.07
BRON - HOTEL DE VILLE	5.44	6.19	6.54	7.25	7.55	8.26	8.56	9.27	9.57	10.27	10.57	11.27	11.57	12.27	12.57	13.27	13.57	14.27	14.57	15.27	15.52	16.17	16.37	16.57	17.17	17.37	17.57	18.17	18.37	18.57	19.27	19.56	20.15	20.44	21.14
MARNE PAGERE	5.48	6.23	6.58	7.29	7.59	8.30	9.01	9.32	10.02	10.33	11.03	11.33	12.03	12.32	13.02	13.32	14.02	14.32	15.02	15.32	15.57	16.22	16.42	17.02	17.22	17.42	18.02	18.22	18.42	19.02	19.32	20.01	20.20	20.48	21.18
BROSSOLETTE GENAS	5.50	6.25	7.01	7.32	8.02	8.33	9.05	9.36	10.06	10.37	11.07	11.37	12.07	12.36	13.06	13.36	14.06	14.36	15.06	15.36	16.01	16.26	16.46	17.06	17.26	17.46	18.06	18.26	18.46	19.06	19.36	20.05	20.24	20.51	21.21
C. CIAL SEPT CHEMINS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEPT CHEMINS	5.53	6.29	7.05	7.36	8.07	8.38	9.10	9.41	10.11	10.42	11.12	11.42	12.12	12.41	13.11	13.41	14.11	14.41	15.11	15.41	16.06	16.31	16.51	17.11	17.31	17.51	18.11	18.30	18.50	19.10	19.40	20.09	20.27	20.55	21.25

Dimanche - le 31/08 uniquement

24A-0327M

GRANGE BLANCHE	7.00	7.32	8.04	8.36	9.08	9.40	10.12	10.44	11.16	11.48	12.20	12.52	13.24	13.56	14.28	15.00	15.32	16.04	16.36	17.08	17.40	18.12	18.44	19.16	19.50	20.30	21.00
ESSARTS - LAENNEC	7.06	7.38	8.10	8.42	9.14	9.46	10.18	10.50	11.22	11.54	12.26	12.58	13.31	14.03	14.35	15.07	15.39	16.11	16.43	17.15	17.47	18.19	18.51	19.23	19.57	20.36	21.06
BRON - HOTEL DE VILLE	7.12	7.45	8.17	8.50	9.22	9.54	10.26	10.58	11.30	12.01	12.33	13.05	13.38	14.10	14.42	15.14	15.46	16.18	16.50	17.22	17.54	18.26	18.58	19.30	20.04	20.43	21.13
MARNE PAGERE	7.16	7.49	8.21	8.54	9.26	9.58	10.31	11.03	11.35	12.06	12.38	13.10	13.43	14.15	14.47	15.19	15.51	16.23	16.55	17.27	17.59	18.31	19.03	19.35	20.09	20.47	21.17
BROSSELETTE GENAS	7.19	7.52	8.24	8.58	9.30	10.02	10.35	11.07	11.39	12.10	12.42	13.14	13.47	14.19	14.51	15.23	15.55	16.27	16.59	17.31	18.03	18.35	19.07	19.38	20.12	20.50	21.20
C. CIAL SEPT CHEMINS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEPT CHEMINS	7.24	7.57	8.29	9.03	9.35	10.07	10.40	11.12	11.44	12.15	12.47	13.19	13.52	14.24	14.56	15.28	16.00	16.32	17.04	17.36	18.08	18.40	19.12	19.43	20.17	20.55	21.25

Lundi au vendredi - du 25/08 au 29/08

24A-0328V

GRANGE BLANCHE	5.30	6.00	6.30	6.50	7.10	7.30	7.50	8.13	8.33	8.53	9.13	9.33	9.58	10.23	10.48	11.13	11.38	12.05	12.30	12.55	13.20	13.45	14.10	14.35	15.00	15.25	15.50	16.15	16.40	17.00	17.20	17.40	18.00	18.20	18.40	19.00	19.20	19.40	20.00	20.30	21.00
ESSARTS - LAENNEC	5.37	6.07	6.37	6.57	7.17	7.38	7.58	8.22	8.42	9.02	9.22	9.41	10.06	10.31	10.56	11.21	11.46	12.13	12.38	13.03	13.28	13.53	14.18	14.43	15.08	15.33	15.58	16.24	16.49	17.09	17.29	17.49	18.09	18.28	18.48	19.08	19.28	19.48	20.07	20.37	21.06
BRON - HOTEL DE VILLE	5.44	6.15	6.45	7.06	7.26	7.47	8.07	8.31	8.51	9.11	9.31	9.51	10.16	10.41	11.06	11.31	11.56	12.22	12.47	13.12	13.37	14.02	14.27	14.52	15.17	15.42	16.07	16.34	16.59	17.19	17.39	17.59	18.18	18.37	18.57	19.17	19.37	19.57	20.15	20.45	21.13
MARNE PAGERE	5.48	6.19	6.50	7.11	7.31	7.52	8.12	8.36	8.56	9.16	9.37	9.57	10.22	10.47	11.12	11.37	12.02	12.28	12.52	13.17	13.42	14.07	14.32	14.58	15.23	15.48	16.13	16.40	17.06	17.26	17.46	18.06	18.24	18.43	19.03	19.22	19.42	20.02	20.20	20.50	21.17
BROSSELETTE GENAS	5.51	6.22	6.53	7.14	7.35	7.56	8.16	8.40	9.00	9.20	9.41	10.01	10.26	10.51	11.16	11.41	12.06	12.32	12.56	13.21	13.46	14.11	14.36	15.02	15.27	15.52	16.17	16.44	17.10	17.30	17.50	18.10	18.28	18.47	19.07	19.26	19.46	20.06	20.24	20.53	21.20
C. CIAL SEPT CHEMINS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SEPT CHEMINS	5.55	6.26	6.57	7.18	7.40	8.01	8.21	8.45	9.05	9.25	9.46	10.06	10.31	10.56	11.21	11.46	12.10	12.36	13.00	13.25	13.51	14.16	14.41	15.07	15.32	15.57	16.22	16.49	17.15	17.35	17.55	18.15	18.33	18.52	19.11	19.30	19.50	20.10	20.28	20.57	21.24

Lundi au vendredi - du 15/07 au 22/08

24A-0324I

C. CIAL SEPT CHEMINS	4.59	5.29	5.59	6.29	6.58	7.18	7.44	8.09	8.34	8.59	9.24	9.49	10.14	10.39	11.04	11.29	11.54	12.19	12.44	13.09	13.34	13.59	14.24	14.49	15.14	15.39	16.04	16.29	16.54	17.19	17.44	18.09	18.34	18.59	19.28	19.59	20.29	21.09
SEPT CHEMINS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROSSETTE GENAS	5.03	5.33	6.03	6.33	7.03	7.23	7.49	8.14	8.39	9.04	9.29	9.54	10.19	10.44	11.09	11.34	11.59	12.24	12.49	13.14	13.39	14.04	14.29	14.54	15.19	15.44	16.09	16.34	16.59	17.24	17.49	18.14	18.39	19.04	19.33	20.03	20.33	21.13
MARNE PAGERE	5.07	5.37	6.07	6.38	7.08	7.28	7.54	8.19	8.44	9.09	9.34	9.59	10.24	10.49	11.14	11.39	12.04	12.29	12.54	13.19	13.44	14.09	14.34	14.59	15.24	15.49	16.14	16.39	17.04	17.29	17.54	18.19	18.44	19.09	19.38	20.08	20.38	21.18
BRON - HOTEL DE VILLE	5.12	5.42	6.12	6.43	7.13	7.33	8.00	8.26	8.51	9.15	9.40	10.05	10.30	10.55	11.20	11.45	12.10	12.35	13.00	13.25	13.50	14.15	14.40	15.05	15.30	15.55	16.21	16.46	17.11	17.36	18.01	18.25	18.50	19.14	19.43	20.13	20.43	21.23
ESSARTS - LAENNEC	5.20	5.50	6.20	6.51	7.21	7.41	8.09	8.35	9.00	9.24	9.49	10.14	10.39	11.04	11.29	11.54	12.19	12.44	13.09	13.34	13.59	14.24	14.49	15.14	15.39	16.04	16.30	16.55	17.20	17.45	18.10	18.34	18.59	19.23	19.51	20.21	20.51	21.31
GRANGE BLANCHE	5.24	5.54	6.24	6.56	7.26	7.46	8.14	8.40	9.05	9.29	9.54	10.19	10.44	11.09	11.34	11.59	12.24	12.49	13.14	13.39	14.04	14.29	14.54	15.19	15.44	16.09	16.35	17.00	17.25	17.50	18.15	18.39	19.04	19.28	19.56	20.25	20.55	21.35

Samedi - du 19/07 au 23/08

24A-0316I

C. CIAL SEPT CHEMINS	5.00	5.30	6.00	6.30	7.00	7.30	8.00	8.30	9.00	9.30	10.00	10.22	10.44	11.06	11.28	11.50	12.12	12.34	12.56	13.18	13.40	14.02	14.24	14.46	15.08	15.30	15.52	16.14	16.36	16.58	17.20	17.42	18.04	18.26	18.48	19.10	19.32	20.00	20.30	21.10
SEPT CHEMINS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BROSSETTE GENAS	5.04	5.34	6.04	6.34	7.04	7.34	8.04	8.34	9.04	9.34	10.04	10.26	10.48	11.10	11.32	11.54	12.16	12.38	13.00	13.22	13.44	14.06	14.28	14.50	15.12	15.34	15.56	16.18	16.40	17.02	17.24	17.46	18.08	18.30	18.52	19.14	19.36	20.04	20.34	21.14
MARNE PAGERE	5.07	5.37	6.07	6.38	7.08	7.38	8.08	8.38	9.08	9.39	10.09	10.31	10.53	11.15	11.37	11.59	12.21	12.43	13.05	13.27	13.49	14.11	14.33	14.55	15.17	15.39	16.01	16.23	16.45	17.07	17.29	17.51	18.13	18.35	18.57	19.19	19.41	20.08	20.37	21.17
BRON - HOTEL DE VILLE	5.12	5.42	6.12	6.43	7.13	7.43	8.13	8.43	9.13	9.44	10.14	10.36	10.58	11.20	11.42	12.04	12.26	12.48	13.10	13.32	13.54	14.16	14.38	15.00	15.22	15.44	16.06	16.29	16.51	17.13	17.35	17.57	18.19	18.41	19.03	19.24	19.46	20.13	20.42	21.22
ESSARTS - LAENNEC	5.18	5.48	6.18	6.49	7.19	7.49	8.19	8.49	9.20	9.51	10.21	10.43	11.05	11.27	11.49	12.11	12.32	12.54	13.16	13.38	14.01	14.23	14.45	15.07	15.29	15.51	16.13	16.36	16.58	17.20	17.42	18.04	18.26	18.48	19.10	19.31	19.52	20.19	20.48	21.28
GRANGE BLANCHE	5.22	5.52	6.22	6.53	7.23	7.53	8.23	8.53	9.24	9.55	10.25	10.47	11.09	11.31	11.53	12.15	12.36	12.58	13.20	13.42	14.05	14.27	14.49	15.11	15.33	15.55	16.17	16.41	17.03	17.25	17.47	18.09	18.31	18.53	19.15	19.35	19.56	20.23	20.52	21.32

Dimanches et jours fériés - du 13/07 au 24/08

24A-0327B

C. CIAL SEPT CHEMINS	6.30	7.05	7.40	8.15	8.50	9.25	10.00	10.35	11.10	11.45	12.20	12.55	13.30	14.05	14.40	15.15	15.50	16.25	17.00	17.35	18.10	18.45	19.20	19.55	20.30	21.10
SEPT CHEMINS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BROSSETTE GENAS	6.33	7.08	7.44	8.19	8.54	9.29	10.04	10.39	11.14	11.49	12.24	12.59	13.34	14.09	14.44	15.19	15.54	16.29	17.04	17.39	18.14	18.49	19.24	19.59	20.34	21.13
MARNE PAGERE	6.36	7.11	7.47	8.22	8.58	9.33	10.08	10.43	11.18	11.53	12.28	13.03	13.38	14.13	14.48	15.23	15.58	16.33	17.08	17.43	18.18	18.53	19.27	20.02	20.37	21.16
BRON - HOTEL DE VILLE	6.41	7.16	7.52	8.27	9.03	9.39	10.14	10.49	11.24	11.59	12.33	13.08	13.43	14.18	14.53	15.28	16.03	16.38	17.13	17.48	18.23	18.58	19.32	20.07	20.42	21.21
ESSARTS - LAENNEC	6.48	7.23	7.59	8.35	9.11	9.47	10.22	10.57	11.32	12.07	12.41	13.16	13.51	14.26	15.01	15.36	16.11	16.46	17.21	17.56	18.31	19.06	19.40	20.15	20.49	21.28
GRANGE BLANCHE	6.52	7.27	8.03	8.39	9.15	9.51	10.26	11.01	11.36	12.11	12.45	13.20	13.55	14.30	15.05	15.40	16.15	16.50	17.25	18.00	18.35	19.10	19.44	20.19	20.53	21.32

Samedi - le 30/08 uniquement

24A-0346M

C. CIAL SEPT CHEMINS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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